

NIH



record

DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE

June 2, 1958, Vol. X, No. 11

PUBLIC HEALTH SERVICE
NATIONAL INSTITUTES OF HEALTH

NIH SCIENTISTS SERVE AS ADVISORS TO WHO

Twenty-three NIH scientists, recognized experts in their fields, have served as U. S. members of World Health Organization expert advisory panels and committees during the past ten years.

Members of WHO advisory groups are selected from all over the world on the basis of ability and technical experience. They are responsible for providing the Organization with technical advice on a wide variety of public health questions and on health programs of international significance.

In addition to NIH Director James A. Shannon, staff members from NIH who have served on WHO panels and committees are: Drs. Joseph E. Smadel and Thomas D. Dublin, OD; Drs. Roderick Murray and William G. Workman, DBS; Dr. Harold F. Dorn, DRS; Drs. James Watt and G. Halsey Hunt, NHI; Drs. Robert H. Felix and Harold M. Skells, and Miss Esther Garrison, NIMH; Dr. Nathan B. Eddy, NIAMD; Drs. Justin Andrews, Joseph A. Bell, Henry K. Beye, Thomas A. Burch, G. Robert Coatney, Dorland J. Davis, Victor H. Haas, Karl Habel, Carl L. Larson, Norman B. McCullough, and Willard H. Wright, NIAID.

Dr. Anfinsen, NHI, Wins Guggenheim Fellowship

Dr. Christian B. Anfinsen, Chief of the Laboratory of Cellular Physiology and Metabolism, NHI, left for Israel recently to accept a Guggenheim fellowship to study at the Weizmann Institute of Science.

Dr. Anfinsen will spend four months in Israel investigating the location and chemical nature of the active center of ribonuclease, an enzyme essential to the metabolism of cells.

BAGPIPES LIVEN AWARDS CEREMONY



Scottish tunes played by the "Kilties" were a highlight of last week's Awards Ceremony.

Twenty-one employees shared \$3,490 in cash awards last week at one of NIH's most unusual awards ceremonies.

A capacity audience in the CC Auditorium was entertained by kilted bagpipers of the 2nd Army Pipe and Drum Corps. Dr. Otis L. Anderson, Assistant Surgeon General for Personnel and Training, PHS, was the principal speaker.

The awards were presented by Dr. C. J. Van Slyke, NIH Associate Director, assisted by Dr. Dale R. Lindsay, Chairman of the NIH Board on Employee Awards. Joseph Murtaugh, Office of Research Planning, introduced the "Kilties."

Superior performance awards were presented to Theresa Clary, Physical Science Aid, NIAMD; Arthur P. Cosing, Jr., Information Specialist, NHI; Gilbert J. Frey, Assistant Administrative Officer, DRG; Clarence May, Special Consultant, DRS; Edgar Pickens, Research Technician, Rocky Mountain Laboratory, NIAID; and Daniel G. Rice, Information Specialist, DRS.

Group performance awards went to Gertrude Stewart and Avery Kerr, and Flora Grantham and Walter Dimery, all of the Laboratory of Biochemistry, NCI.

Cited for suggestions were Edward Oertli, machinist in the NIAID Rocky Mountain Laboratory, who designed a holder and shield for the Geiger-Mueller tube; Elva Smithies, DBO, who recommended a decentralized requisitioning procedure; Marion Steinbarg, librarian in DRS, who drew up a manual for bindery procedures; and Richard Stroud, NHI, who suggested a device for clamping porous tissue in flasks for freeze-drying apparatus.

George H. Cavey and Mildred N. Caulk, Supply Management Branch, DBO, received a group award for a suggestion.

Members of the Photographic Section, DRS, were honored for their research in the use of fluorescent photography. Recipients were Vernon Taylor, Joseph P. Plass, John W.

(See Awards, Page 4)

FIVE EMPLOYEES RETIRE

Five NIH employees who retired last week are Dr. Ernest L. Jackson, with 30 years of Government service; Charles H. Brinker, 21 years of service; Vincent B. Crane, 20 years; Charles A. Davis, 15 years; and the oldest retiring employee, Charles S. Munday, 75, with 15 years of service.

Dr. Jackson, a biochemist in the NIAMD Laboratory of Pathology and Pharmacology, began his scientific career with the PHS Hygienic Laboratory in 1928. He is well known for developing a technique for the periodic acid oxidation of sugars, considered one of the most valuable tools for structure determination ever devised in sugar chemistry. Dr. Jackson received his M.A. and Ph.D. degrees from Harvard University.

Mr. Brinker, a property and supply clerk in the Supply Management Branch, DBO, came to NIH in 1947 from the War Department where he was a training specialist. He is a veteran of World War I.

Mr. Crane, statistical draftsman in the Medical Arts Section, DRS, has been an engineering draftsman in Government since 1936. A native of Liverpool, England, he has worked at NIH since 1957.

Mr. Davis has been a guard in the Plant Safety Branch, DBO, since 1943. A World War I veteran, he also worked as a guard at the Federal Works Agency and for the Washington Loan and Trust Company.

Mr. Munday, equipment operator in the Plant Engineering Branch, DRS, began his Government career here in 1943 after farming in Maryland for 25 years.

"Ruddigore" To Be Presented At NIH

The Montgomery County Light Opera Association will present Gilbert and Sullivan's "Ruddigore" on Wednesday, June 11, at 8 p.m. in the CC Auditorium. The operetta will be free of charge to NIH patients, employees, and their families and friends.

Two NIH employees have parts in the operetta. Dr. Murray Eden, NHI, will play a leading role, and Joan Mauricio, NINDB, is a member of the chorus.

The production is directed by Bob O'Connor of WTTG. Music director is Tom Hohstadt of the Army Band.

DANCERS FEATURED IN MUSICAL WORLD TOUR



The spring concert presented by the NIH Chorus on May 23 featured dances illustrating the theme "Around the World in Music." Ruth Rea (left) starred in a waltz number and Jane Reel danced the French cancan.

Keymen Commended In Joint Drive

The Federal Service fund-raising campaign at NIH closed recently with participation totals at 28.7 percent for the Voluntary Health Agencies and at 21.9 percent for the Crusade for Freedom and CARE.

John E. Fitzgerald, NIH campaign chairman, said, "Through the efforts of our Institute and Division chairmen and keymen, the final figures reflect favorably on NIH's support of the drive."

The non-quota fund drive is one of two annual Government fund-raising campaigns to receive Presidential sanction.

Institute and Division percentages of participation are as follows:

	National Health Agencies	Crusade and CARE
OD	100.0	83.0
NIDR	73.8	59.4
NCI	45.4	33.7
DBO	43.5	28.4
DBS	41.5	34.5
DRG	39.2	32.4
NHI	34.9	34.1
NIMH	34.2	33.6
DRS	33.9	20.0
NINDB	21.6	19.2
NIAID	15.0	11.7
NIAMD	11.6	13.1
CC	10.6	7.2
TOTAL	28.7	21.9

Publication Preview

The following manuscripts were received by the SRB Editorial Section between March 15 and March 25.

DBS

Li, C. P., and Jahnes, W. G. Studies on variation in virulence of poliovirus. III. Further studies on type III virus by the plaque method.

DRG

Lindsay, D. R. Methods and sources of stimulating interdisciplinary research.

Thurman, D. C., Jr., and Thurman, E. B. Two new species in the genus *Armigeres* Theobald, 1901, from Northern Thailand (Diptera: Culicidae).

CC

Bunim, J. J.; Federman, D. D.; Black, R. L.; Schmid, R.; Sokoloff, L.; and Shurley, J. Facilitious diseases: Clinical staff conference at the National Institutes of Health.

NCI

Andrews, J. R., and Sneider, S. E. The modification of the radiation response.

Cramer, L. M.; Haverback, C. Z.; and Smith, R. P. Hypertonic dehydration complicating high protein nasogastric tube feeding.

Dunn, T. B. Morphology and pathology of reticular neoplasms in the mouse - relationship to man.

Flick, A. L., and Steinfeld, J. L. The effect of fever and corticotropin on the *in vivo* degradation of albumin in man as measured with iodinated human serum albumin.

Herrold, K. M.; Rabson, A. S.; and Smith, R. R. Involvement of the liver in generalized hypersensitivity reaction: Report of a case with concomitant multiple microhamartomas of the liver.

Rothberg, S., and Van Scott, E. J. Evaluation of arginase activity in normal epidermal tissue and pathological stratum corneum.

Stewart, S. E., and Eddy, B. E. Properties of a tumor inducing virus recovered from mouse neoplasms.

Toal, J. N.; Reid, J. C.; Williams, R. B.; and White, J. Effect of total body x-radiation from near threshold to tissue lethal doses on the small bowel epithelium of the rat. II. Changes in nucleic acid and protein synthesis in relation to cell division.

Vander, J. B. Classification of leukemias by ultraviolet absorption measurements.

Vander, J. B. The association of diabetes mellitus and carcinoma of the endometrium.

Weisburger, E. K., and Weisburger, J. H. A new route to 3- and 2, 6- substituted fluorenes.

Westfall, B. B.; Peppers, E. V.; Evans, V. J.; Sanford, K. K.; Hawkins, N. M.; Fioramonti, M. C.; Kerr, H. A.; Hobbs, G. L.; and Earle, W. R. The arginase and rhodanese activities of certain cell strains after long cultivation *in vitro*.

Zervas, L.; Otani, T.; Winitz, M.; and Greenstein, J. P. A synthesis of L-arginyl-L-arginine.

Zubrod, C. G. Clinical investigations in cancer chemotherapy.

NHI

Grant, R. P. The syndrome of dextroversion of the heart.

NIAID

Barbosa, F. S., and Olivier, L. Studies on the snail vectors of schistosomiasis mansoni in Northeastern Brazil.

Burgess, R. W., and Young, M. D. The development of pyrimethamine resistance by *Plasmodium falciparum*.

Cook, M. K., and Jacobs, L. Cultivation of *Toxoplasma gondii* in tissue cultures of various derivatives.

Emmons, C. W. Revision of mycology sections of control of communicable diseases in man submitted by the APHA.

Gerloff, R. K., and Larson, C. L. Serologic response of Montana children to commercial poliomyelitis vaccine.

Jeffery, G. M.; Young, M. D.; Burgess, R. W.; and Eyles, D. E. Early activity in sporozoite-induced *Plasmodium falciparum* infection.

Jones, F. E.; Eyles, D. E.; Coleman, N.; and Gibson, C. L. A comparison of methods for the isolation of *Toxoplasma* from suspected hosts.

Stone, S. H. Inhibition of the Arthus reaction during protracted systemic anaphylaxis in mice and guinea pigs.

Tobie, E. J., and Highman, B. Failure to demonstrate cerebral lesions in rabbits infected with *Trypanosoma gambiense*.

von Brand, T.; McMahon, P.; Tobie, E. J.; Thompson, M. J.; and Mosettig, E. Observations of the composition of the culture form of *Trypanosoma cruzi*.

Warren, K. S., and Nathan, D. G. The passage of ammonia across the blood-brain-barrier and its relation to blood pH.

NIAMD

Bowen, W. J., and Martin, H. L. The ATPase activity of three forms of myosin.

Bowen, W. J., and Martin, H. L. The rate of dephosphorylation of adenosine triphosphate and the isotonic and isometric contraction of glycerol-treated muscle.

Eddy, N. B.; Harris, C. A.; and Lee, L. E., Jr. An attempt to determine the rate of development of physical dependence and tolerance to analgesic drugs in patients with chronic pain.

Horecker, B. L. Le cycle des pentoses et sa signification physiologique.

Sargent, L. J.; Schwartzman, L. H.; and Small, L. F. Hydroxylated codeine derivatives.

Schmid, R.; Axelrod, J.; Hammaker, L.; and Swarm, R. L. Congenital jaundice in rats, due to a defect in glucuronide formation.

NIDR

Howell, A., Jr., and Rogosa, M. The isolation of *Leptotrichia buccalis*.

NIHM

Bobbitt, J. M. Community care of the mentally ill.

Cole, J. O. The use and abuse of the tranquilizing drugs.

Felix, R. H. New directions in mental health.

LaBrosse, E. H.; Mefferd, R. B., Jr.; and Williams, R. J. The effect of chlorpromazine on the urinary excretion of 17-hydroxycorticoids by male schizophrenics.

Wittman, M. Accomplishments of mental health grants in social work education: Unsolved problems.

NINDB

Laki, K.; Horvath, B.; and Klatzo, I. On the relationship between myosin and tropomyosin A. Windle, W. F.; Smart, J. O.; and Beers, J. J. Residual function after subtotal spinal cord transection in adult cats.

NIH RECORD

Published by

Scientific Reports Branch
Division of Research Services

National Institutes of Health

Room 212, Building 8

Bethesda 14, Maryland

OLiver 6-4000

Ext. 2125

B-CC Students Present "Circus" Here



Members of the Student Government Association of Bethesda-Chevy Chase High School presented a circus for children patients in the CC recently. The acts included a magician, a juggler, and on-the-spot cartooning.

Film Scheduled

A 41-minute sound and color film, "Resuscitation Procedures," shown to limited groups here last month, is scheduled for a general showing for all NIH employees on June 5 at 12:30 p.m. in Wilson Hall.

The film demonstrates the effectiveness of mouth-to-mouth resuscitation as compared with other methods. Chief investigator and narrator of the film is Dr. Peter Safar, Department of Anesthesiology, Baltimore City Hospital. The June 5 showing is co-sponsored by the Employee Health Service and the Plant Safety Branch, DBO.

NIH WILL WELCOME--

June 9 - Heart Seminar for state and local Heart Associations.

June 23 - Post Assembly Technical Tour of the 10th Anniversary of the World Health Organization Assembly.

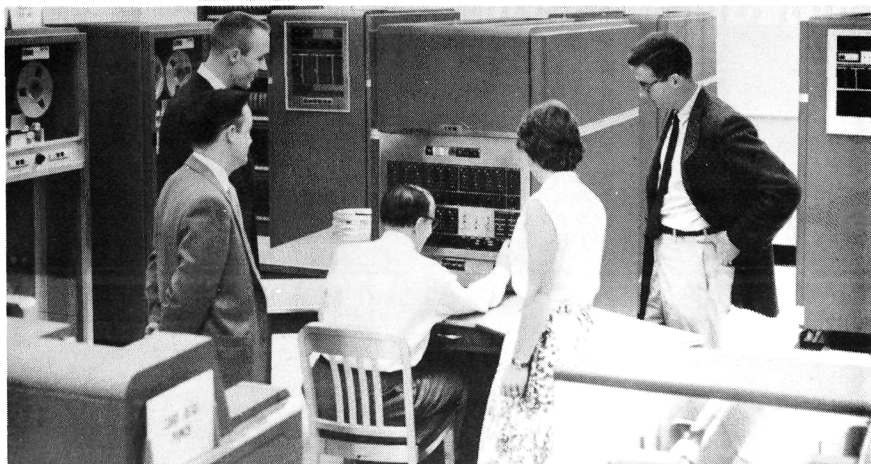
Openings Available In Group Hospitalization

Memberships in group hospitalization plans will be available at NIH soon if minimum enrollment requirements are filled. If you are interested in subscribing to these plans, contact the Employee Relations Office, Bldg. 1, Rm. 21, as soon as possible.



Dr. Albert Szent-Gyorgyi (left), Nobel prize winner who presented the 6th Annual NIH Lecture recently, chats with NIH Director James A. Shannon before the lecture.

PROGRAMMING CLASS GIVEN HERE



J. E. Lieberman, DRS (center), learns to operate the new IBM 650 computer, as part of a class in programming. Looking on are (left to right) Instructor Rex B. Coffman of the IBM Corporation, Dr. Edmund Gehan, NCI; Marian Sharpless, NHL; and J. William Lloyd, NCI.

Fifteen NIH employees recently completed an intensive course in programming, essential to use of the giant IBM 650 magnetic drum computer recently installed in Bldg. 12.

Before data for a project can be fed into the computer, a complex program must be drawn up. Instructions in programming and practical use of the computer was provided by a representative of the IBM Corporation.

The course also enabled NIH employees to understand the capacities of the computer in connection with their computation problems.

Classes will be given again this fall if there is sufficient interest.

Visiting Scientists Appointed In NIMH

Two outstanding physiologists have been named to Visiting Scientist posts. Professor Jean Posternak of the University of Geneva, Switzerland, and Professor Bo E. Gernandt of the University of Gothenburg, Sweden, will be working at NIMH for the next year.

AWARDS Contd.

McGuire, William O. Burk, and Sam Silverman.

A 40-year length of service award was presented to Edward A. Marcey, Medical Biology Technician, NIAID, who retired last April. Thirty-year awards went to Dr. Frederick S. Brackett, Howard F. Brubach, Paul T. Calderwood, Eugene Dernay, Myrna F. Jones, and Louise B. Young. Awards for twenty years of service were presented to 58 employees.

A surprise award was presented to NIH's "Master of Master of Ceremonies," Dr. C. J. Van Slyke. A 12"-high statuette, the new "Van Oscar," was awarded to Dr. Van Slyke for his enthusiastic participation in NIH awards ceremonies.

DR. BRYAN HONORED

Dr. W. Ray Bryan, Laboratory of Biology, NCI, was awarded an honorary Doctor of Science degree last week at commencement exercises at Carson-Newman College, Jefferson City, Tenn.

NEWS BRIEFS

Dr. James V. Lowry has been promoted to Chief of the Bureau of Medical Services, PHS, to succeed Dr. John W. Cronin who died March 26. Dr. Lowry, a former deputy chief of the Bureau, was also given the rank of Assistant Surgeon General. A native of Milwaukee, he has been with PHS since 1937.

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The role of television in schools and colleges was the subject of a conference on Educational Television and Related Media held at DHEW last week. The meeting was co-sponsored by the Office of Education.

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Secretary Folsom was among five persons to receive the 1958 Albert Einstein Award for Citizenship at a recent commemorative dinner of the Albert Einstein College of Medicine of Yeshiva University, N. Y.

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Nine PHS physicians are being made available to East Pakistan through the PHS Communicable Disease Center to investigate severe epidemics of smallpox and cholera in that country. Medical supplies and six million doses of vaccine have been sent to Pakistan from the U. S.

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Dr. Fred F. Beach, an Office of Education official since 1945, has been appointed Director of the School Administration Branch, OE. He succeeds E. Glenn Featherston, now Assistant Commissioner for State and Local School Systems.

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A conference on Man vs. Environment was held in Washington last month under the sponsorship of the NIH Sanitary Engineering and Occupational Health Study Section and the BSS Division of Sanitary Engineering Services. Problems of water supply, air and water pollution, and occupational health were discussed.

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